

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-6. (Canceled)

7. (Currently Amended) A thin-film magnetic head comprising:

a heater layer with a predetermined electrical resistivity forming a current-carrying path of a predetermined shape;

an electrically conductive electrode film member located so as to face a first portion of one principal surface of the heater layer and electrically connected to the heater layer;

a cap layer with an electrical resistivity higher than that of the heater layer, provided in correspondence to the shape of the current-carrying path on ~~the other portion a~~ second portion, that is different from the first portion, of said one principal surface of the heater layer; and

an electrically conductive bump formed on the electrode film member by plating.

8. (Currently Amended) The thin-film magnetic head according to Claim 7, wherein the electrode film member is laid on ~~said one~~ said first portion of the heater layer.

9. (Original) The thin-film magnetic head according to Claim 7, wherein the electrical resistivity of the cap layer is four or more times the electrical resistivity of the heater layer.

10. (Currently Amended) The thin-film magnetic head according to Claim 7, wherein the heater layer contains one material selected from Cu, Au, Ni, Co, Ta, W, Mo, Rh, and alloys of these.

11. (Currently Amended) The thin-film magnetic head according to Claim 7, wherein the cap layer contains one material selected from Ta, Ti, Pt, Ru, Rh, Hf, Cr, Ni, Co, W, Mo, Rh, and alloys of these.

12. (Currently Amended) A head gimbal assembly comprising a base, a thin-film magnetic head formed on the base, and a gimbal adapted to fix the base,

wherein the thin-film magnetic head comprises a heater layer with a predetermined electrical resistivity forming a current-carrying path of a predetermined shape; an electrically conductive electrode film member located so as to face ~~a portion~~ a first portion of one principal surface of the heater layer and electrically connected to the heater layer; a cap layer with an electrical resistivity higher than that of the heater layer, provided in correspondence to the shape of the current-carrying path on ~~the other~~ a second portion, that is different from the first portion, of said one principal surface of the heater layer; and an electrically conductive bump formed on the electrode film member by plating.

13. (Currently Amended) A hard disk drive comprising a base, a thin-film magnetic head formed on the base, and a recording medium opposed to the thin-film magnetic head,

wherein the thin-film magnetic head comprises a heater layer with a predetermined electrical resistivity forming a current-carrying path of a predetermined shape; an electrically conductive electrode film member located so as to face ~~a portion~~ a first portion of one principal surface of the heater layer and electrically connected to the heater layer; a cap layer with an electrical resistivity higher than that of the heater layer, provided in correspondence to the shape of the current-carrying path on ~~the other portion~~ a second portion, that is different from the first portion, of said one principal surface of the heater layer; and an electrically conductive bump formed on the electrode film member by plating.